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E08096/c
LOCUS      E08096              1434 bp    DNA        linear    PAT 29-SEP-1997
DEFINITION Genomic DNA encoding a porcine mutarotase.
ACCESSION  E08096
VERSION    E08096.1  GI:2176221
KEYWORDS   JP 1994253856-A/1.
SOURCE     Sus sp.
  ORGANISM Sus sp.
            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Cetartiodactyla; Suina; Suidae; Sus.
REFERENCE  1  (bases 1 to 1434)
AUTHORS    Chiba,M. and Oya,R.
TITLE      MUTAROTASE GENE
JOURNAL    Patent: JP 1994253856-A 1 13-SEP-1994;
            AMANO PHARMACEUT CO LTD

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COMMENT      OS      Sus sp. (pig)
              PN      JP 1994253856-A/1
              PD      13-SEP-1994
              PF      26-FEB-1993 JP 1993062646
              PI      CHIBA MASAYA, OYA RYUICHI
              PC      C12N15/61//C12N9/90;
              CC      strandedness: Double;
              CC      topology: Linear;
              CC      hypothetical: No;
              CC      anti-sense: No;
              FH      Key                      Location/Qualifiers
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              FT                      /organism='Sus sp.'
              FT      5'UTR                      1. .49
              FT      CDS                        50. .1078
              FT                      /product='A porcine mutarotase' FT      3'UTR
              1079. .1434.

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FEATURES	Location/Qualifiers
source	1..1434 /organism="Sus sp." /mol_type="genomic DNA" /db_xref="taxon:9826"

## ORIGIN

Query Match 4.2%; Score 377.8; DB 6; Length 1434;  
Best Local Similarity 81.4%; Pred. No. 3.6e-93;  
Matches 517; Conservative 0; Mismatches 47; Indels 71; Gaps 4;

[illegible]

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 Db 361 GTTGGGCCCCGTTGTTGATGGCCAGCTTATACTCCTTCCCATCCAATGTGAATGTTCCCTTT 302  
 Qy 7281 GGCAATTTGCTTTGCCACCCTGCCAACCACTGCTCCAAAGTAGGGATGCTTTTGGAGGTA 7340  
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 Db 241 CTCTTTCAATTCAGCAAAGCCAAGCACCACGTCTGAGGCTCTGCCCTGCCTGTCTTTGAC 182  
 Qy 7401 CTCCAGGGCCGTGATGGTGCAGCCCGAGGAGATGATTTCCTCCAGTGTGTTTCAGCC 7460  
 Db 181 CTCCAGGGCCGTGATGGTGCAGCCCGAGGAGATGATGTCCAC----- 140  
 Qy 7461 CGAGGAGATGATTTCCTCAATTCCCAGTTGGTCTGCTTGCAGCTGGAATTTTCCATGTTCC 7520  
 Db 139 -----TCTCAGCTGGTCTGATTGCAGCTGGAACTTTCCACCGTCC 99  
 Qy 7521 TTGCCCCCAAGGGGAGTTCTCCAAACACAGATCTTGTAAGTGAACCATGAGGAAAGCTT 7580  
 Db 98 CTGCCCCCGAGGGGAGGTCTCCAAACACGGATCTTGTAAGTGAACCATGAGGAAAGCTT 39  
 Qy 7581 GGGGTGTGTAGGTGCTCCAGGTCCCTTCAAACGCCC 7615  
 Db 38 GGGGTGTGTAGTTGCTCCAGGTCCCTCGAACTCCC 4

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